10501618

In the Abstract

Please cancel the abstract as filed with this application and substitute the new abstract which is appended to this response.

In the Specification

Page 7, lines 2-12:

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According to the present invention a valve is provided, upstream of the suction fan driving motor and downstream of the cyclone separating means of a particle separation apparatus, which includes a valve closure and a valve seat against which the closure is normally resiliently urged to prevent air flowing through the valve, and the valve is mounted so as to communicate with a passage between the cyclone and the fan so that air pressure within the passage acts on one side of the closure while the other side of the closure is exposed to ambient air pressure, whereby in use if the air pressure in the passage leading from the cyclone to the fan falls sufficiently below ambient, so that the pressure differential acting on the closure creates a force sufficient to overcome the resilient force acting on the closure, the closure will become displaced from the seating and allow air to enter the passage to maintain an air flow over the fan motor.

Page 5, lines 24-25:

The push fit of 28 onto [[26]] 27 may be replaced by a screw-threaded engagement, or the two parts may be adhesively bonded, or may be welded.

In the Claims

1-41. (cancelled)

42. (new) A particle separation apparatus comprising a cyclone particle separating means, particle collecting chamber and a fan driven by an electric motor for drawing particle laden air into and through the apparatus wherein a valve is provided, upstream of the suction fan driving motor and downstream of the cyclone particle separating means, which includes a valve closure and a valve seat against which the valve closure is normally resiliently urged to prevent air flowing through the valve, and the valve is mounted so as to communicate with a passage between the cyclone particle separating means and the fan so that air pressure within